

# CASE 065

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**TITLE:** Highlight of the case: “Primary bone marrow ‘Triple expressor’ lymphoma with a CD20 negative immunophenotype.”

## **CLINICAL HISTORY:**

1. A 19 year old male presented with a short history of fever since two weeks. The patient was doing well before this period. On examination mild hepatosplenomegaly was seen.
2. CBC revealed Hb of 7 g/dL, TLC of 1530 cells/ cumm with 93% atypical cells and platelet count of 40000. Patient was transfused with PRBC and Platelets.
3. PET CT scan was negative and showed no lymphadenopathy.
4. Bone marrow aspiration was cellular with >90.0% large abnormal cells with blastoid morphology. Normal marrow components were suppressed.
5. Flow cytometry was performed on this bone marrow sample which revealed CD20 negative CD5 negative aggressive B cell neoplasm. Due to CD20 negativity and moderate to bright CD45 expression, immunohistochemistry on bone marrow trephine biopsy was advised.